



# *COMMONWEALTH of VIRGINIA*

## *DEPARTMENT OF ENVIRONMENTAL QUALITY*

### PIEDMONT REGIONAL OFFICE

4949-A Cox Road, Glen Allen, Virginia 23060

(804) 527-5020 Fax (804) 527-5106

[www.deq.virginia.gov](http://www.deq.virginia.gov)

Preston Bryant  
Secretary of Natural Resources

David K. Paylor  
Director

June 24, 2009

Mr. Kenneth D. Eades  
County Administrator  
Northumberland County  
P.O. Box 129  
Heathsville, Virginia 22473

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

RE: VPDES Permit Reissuance VA0091421  
Callao Wastewater Treatment Plant – Northumberland County

Dear Mr. Eades:

Your VPDES permit is enclosed. A Discharge Monitoring Report (DMR) form is included with the permit. Please make additional copies of the DMR for future use. The first DMR required by this permit for is due on August 10, 2009 for the period of July, 2009. If you still have DMR data to report as required by the previous permit please submit it as an attachment to the first DMR required by this permit. Monitoring results on the DMRs should be reported to the same number of significant digits as are included in the permit limit for the parameter. Please send DMRs to:

Virginia DEQ, Piedmont Regional Office  
4949-A Cox Road  
Glen Allen, Virginia 23060

Note that DEQ has launched an e-DMR program that allows you to submit the effluent data electronically. If you are interested in participating in this program please visit the following website for details:

<http://www.deq.virginia.gov/water/edmrfaq.html>

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have thirty days from the date of service (the date you actually received this decision or the date it was mailed to you, whichever occurred first) within which to appeal this decision by filing a notice of appeal in accordance with the Rules of the Supreme Court of Virginia with the Director, Department of Environmental Quality. In the event that this decision is served on you by mail, three days are added to that period.

Alternatively, any owner under § 62.1-44.16, 62.1-44.17 and 62.1-44.19 of the State Water Control Law aggrieved by any action of the State Water Control Board taken without a formal

hearing, or by inaction of the Board, may demand in writing a formal hearing of such owner's grievance, provided a petition requesting such hearing is filed with the Board. Said petition must meet the requirements set forth in 9 VAC 25-230-130.B. In cases involving actions of the Board, such petition must be filed within thirty days after notice of such action is mailed to such owner by certified mail.

If you have any questions about the permit, please contact Denise Mosca at (804) 527-5027 or [Denise.Mosca@deq.virginia.gov](mailto:Denise.Mosca@deq.virginia.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "C. Linderman", written over a horizontal line.

Curtis J. Linderman, P.E.  
Water Permit Manager

Enclosure: Memorandum  
Permit No. VA0091421

cc: OWPCA  
EPA, Region III-3WP12  
VDH-ECEFO

## MEMORANDUM

### DEPARTMENT OF ENVIRONMENTAL QUALITY Piedmont Regional Office

4949-A Cox Road Glen Allen, VA 23060

804/527-5020

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SUBJECT: Reissuance of VPDES Permit No. VA0091421  
Town of Callao Wastewater Treatment Plant - Northumberland County, Virginia

TO: C. J. Linderman, P.E., Water Permit Manager

FROM: Denise M. Mosca, Environmental Specialist II

DATE: June 24, 2009

COPIES: PRO, OWPCA, VDH-ECEEFO, EPA-Region III

Legal Name of Owner: Northumberland County

Application Submitted By: Kenneth D. Eades, County Administrator

Application Date: Initial application was submitted on December 22, 2008. Date of complete application: May 12, 2009. The Callao Wastewater Treatment Plant is not listed on the most recent recon list of facilities that have not paid dated November 13, 2008, and so is current with annual permit fees.

Type of Discharge: Minor Municipal Discharge.

Wastewater Treatment The facility consists of an influent flow meter, influent equalization basin/anoxic basin, screener, extended aeration, membrane bio-reactors, ultra-violet disinfection, re-aeration, and an effluent flow meter

Receiving Stream:

Receiving Stream:	UTRIB Lodge Creek
Basin:	Potomac
Subbasin:	Potomac
Section:	1a
Class:	III
Special Standards:	none

Public Notice: The draft permit has received public notice in accordance with the Permit Regulation and no comments were received.

Planning: The discharge has not been addressed in any planning document but will be included when the plan is updated.

Callao Wastewater Treatment Plant  
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EPA Comments: EPA has waived the right to comment and/or object to the adequacy of the draft permit.

VDH Comments: The VDH-DSS responded to the application on January 26, 2009 that the Division has no comments on the proposal as the project will affect condemned shellfish growing waters and will not cause an increase in the size of the closure. The VDH-Office of Drinking Water responded on January 7, 2009 to the application that there are no raw water intakes for public water systems within 15 miles downstream of the discharge.

Previous Board Action: None.

Staff Comments: The discharge is not controversial.

The discharge results from the operation of a publicly owned sewage treatment plant that was constructed on the site of the former Callao Shops and Apartments VA0020885 facility. The entire Town of Callao is served by the publicly owned Callao Wastewater Treatment Plant facility including the Shops and Apartments building. The sewage facilities were newly constructed with the CTO issued (PTLog number 22384) on December 29, 2006 and the former facilities were closed out. The discharge location of the former facilities was used.

The staff believes that the attached effluent limitations will maintain the Water Quality Standards adopted by the Board.

Basis for Effluent Limits: Water Quality Standards, Federal guidelines.

Licensed Operator Requirements: This facility has Class III licensed operator requirements.

STAFF RECOMMENDATIONS:

The staff recommends the following:

1. Approve the attached effluent limitations and monitoring requirements.
2. Reissue VPDES Permit No. VA0091421.

APPROVED:

  
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Water Permit Manager

DATE:

6/24/09